

SUPPLEMENTAL TYPE CERTIFICATE

10075369

This Certificate/Approval is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation and in accordance with Commission Regulation (EU) No. 748/2012 to

GLOBAL AEROSPACE DESIGN CORPORATION

50 151 WEST 4TH STREET
CINCINNATI OH 45202
UNITED STATES OF AMERICA

and certifies that the change in the type design for the product listed below with the limitations and conditions specified meets the applicable Type Certification Basis and, if applicable, environmental protection requirements when operated within the conditions and limitations specified below:

Type Certificate Number: EASA.IM.A.120

Type Certificate Holder: THE BOEING COMPANY

Type: 737

Model: 737-800

Original STC Number: FAA ST04299CH

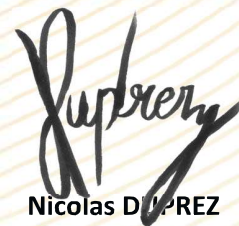
Description of Design Change:

Certification of Automatic dependent Surveillance - Broadcast (ADS-B) OUT System utilizing upgraded Aviation Communication & Surveillance Systems (ACSS) XS-950 Mode-S Transponders paired with the aircraft's existing GPS Source or newly installed ADS-B dedicated GPS source Rockwell Collins GLU-920 and Rockwell Collins GLU-920/-925

See Continuation Sheet(s)

For the European Union Aviation Safety Agency

Cologne, Germany, 25 February 2021



Nicolas DUPREZ

Project Certification Manager – STC Coordinator



EASA Certification Basis:

The Certification Basis for the original product as amended by the following additional or alternative airworthiness requirements: The following paragraph(s) at a later amendment:

CS25 amdt 1: 25.1583(e)

CS25 amdt 5: 25.1301, 25.1353(a)(b)

CS25 amdt 6: 25.1309(a)(b)(c)(d)

CS25 amdt 13: 25.1501(b)

CS-ACNS Initial Issue.

The requirements for environmental protection and the associated certified noise and/ or emissions levels of the product are unchanged and remain applicable to this certificate/approval without any impact on the noise database.

Associated Technical Documentation:

Global Aerospace Design Corp. Master Drawing List, No. GR0252-MDL Rev. C, dated 16 May 2018

Airplane Flight Manual Supplement (AFMS) No.GR0264-AFM Rev. IR, dated 30 May 2018 for GPS source

Rockwell Collins GLU-920

Airplane Flight Manual Supplement (AFMS) No.GR0264-AFM Rev. A, dated 04 May 2018 for GPS source

Rockwell Collins GLU-920/-925

or later revisions of the above listed document(s) approved/accepted on behalf of EASA in accordance with the Technical Implementation Procedures of EU/ USA Bilateral Agreement.

Limitations/Conditions:

ACSS XS-950 Transponder installation must be previously approved.

Prior to installation of this change/repair it must be determined that the interrelationship between this change/repair and any other previously installed change and/ or repair will introduce no adverse effect upon the airworthiness of the product.

- End -